

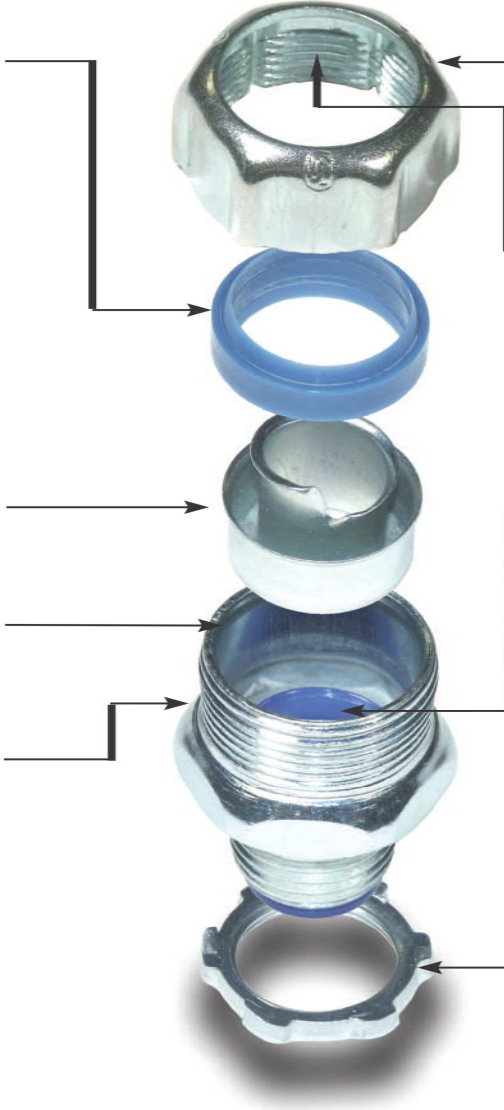
Conduit & Fittings

Excellent mechanical strength and flexibility for use in demanding environments

Thomas & Betts ... The Complete Product Line

For a century, Thomas & Betts has been a recognised leader in electrical conduits & fittings. Industry standards such as Chase Nipples and Erickson Couplings were introduced by Thomas & Betts and are still popular in the industry. This leadership continues.

Liquid tight fittings are used widely in petrochemical plants, both in Hazardous and Non-hazardous areas, indoor or outdoor, where complete protection against liquid or water ingress is sought. Thomas & Betts offers the largest and most technologically advanced line of liquidtight fittings in the industry.



Double Bevelled Sealing Ring
Unique sealing mechanism to prevent backwards installation. Look for the unique T&B Blue colour, ensuring the highest quality liquidtight product available.

Safe Edge™ Ground Cone
Provides superior bonding, stronger pullout and easy threading into the conduit core. The electrical continuity is ensured while the rounded edge protects the cable.

Double Plating for superior corrosion protection. Zinc plating with clear Chromate finish.

Precision Rolled Threads
provides smooth, easy installations and is stronger than cut threads. The body is drawn steel for exceptional strength and quality.

Sure-Tight™ Gland Nuts deflects water away from connector and prevents "pooling" of moisture. Look for the distinctive "Pumpkin" appearance of the gland nut.

Self-Cleaning Threads inside the gland nut keep dirt and grime out of the threads as you tighten.

Heat Curled Insulator
curled inside the body provides excellent wire protection and easier glide of the conductors through and into the fitting. Also, the heat-curved finish gives the insulator more strength compared to "glue-in" versions. Look for the distinctive blue insulator for your assurance of T&B quality.

Case-Hardened Locknut with Teeth
provides superior strength and electrical bonding and can be installed without a wrench in the enclosure.

Type TBOR - oil resistant

- Type TBOR, with heavy duty double interlocked / single interlocked (with packing) galvanised steel core
- Applications in greasy environments: machine tools, assembly machines, hydraulic machinery
- Cotton packing for high flexibility (up to 1 1/4")
- High performance acid- and oil-resistant PVC outer jacket, self-extinguishing within 30 seconds
- High mechanical stability in accordance with DIN 49 012



Type TBEHC and TBEHCSS - extreme heat/cold

- Applications at extreme temperatures: refrigeration, transportation, industrial HVAC, heavy industries
- Very high tolerance to extreme changes in temperature
- Heavy duty double interlocked / single interlocked core (with packing) in galvanised steel or in 316 grade stainless steel
- High performance acid- and oil-resistant Polyester jacket, self-extinguishing according to UL 94 V-2
- High mechanical stability in accordance with DIN 49 012



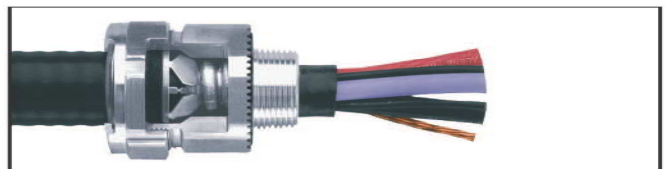
Stainless steel fittings

- Ideal for industrial MRO and OEM applications in food and beverage, pharmaceutical, petrochemical, wastewater, salt water, and other corrosive environments
- 304 stainless steel body and gland-nut resists corrosion far better than other metallic fittings
- Stronger, more UV-resistant than non metallic fittings



Star Teck Fittings (ST0, STE, STEX series)

Teck cables are Armored Cables which find wide application in Oil & Gas Installations. It derived its name from its first user "Teck Hughes" Gold mine in Canada. Apart from flexibility and ease of operation, the minimum dead air space within the cable increases heat transfer and minimize condensation, a vital property to minimize arcing or explosion. Thomas & Betts Star Teck Fittings provide means of passing a jacketed metal clad cable through a bulkhead or enclosure in hazardous area. It forms a strong mechanical grip and water / oil resistant termination.



STAR Teck metal clad cable glands for harsh and corrosive environments

OICAL

Ocal offers a multi-level protection to the conduits and fittings through the following process:

- 1) Hot Dip Galvanising process at 850 °F.
- 2) Application of Acrylic Phenolic coating to create bonding of PVC to Zinc.
- 3) Application of Blue Urathane to interior of conduit and exterior of the threads.
- 4) Conduit is primed and 40mils of PVC is applied to the exterior of conduit.



OICAL, corrosion resistant PVC-coated rigid conduits, junction boxes and accessories